



ROBINSON
GRAY

Litigation + Business

SAMUEL J. WELLBORN

DIRECT 803 231.7829 DIRECT FAX 803 231.7878

swellborn@robinsongray.com

August 28, 2020

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk / Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

Re: Request for Approval of Water and Sewer Agreement on behalf of Blue
Granite Water Company
Docket No. 2020-174-WS

Dear Ms. Boyd:

Pursuant to Order No. 2020-554, please find attached Blue Granite Water Company's (the "Company") response to the Commission's request for additional information related to the Company's ability to serve its customers in the Lake Wylie service area. As explained in the letter from the Company, the additional 91 connections represented by the developer agreement is expected to add 0.0364 million gallons per day ("MGD"), for a total of 2.0864 MGD in the Lake Wylie service area, which is well below the 4.0 MGD total capacity.

Kind regards,

Sam Wellborn

SJW:tch

Enclosure

cc w/enc: Jeffrey M. Nelson, Chief Legal Officer (via email)
Carri Grube Lybarker, Counsel, SC Dept of Consumer Affairs (via email)
Roger P. Hall, Counsel, SC Dept of Consumer Affairs (via email)
Donald H. Denton, President (via email)
Dante DeStefano, Director, Financial Planning & Analysis (via email)



8/28/2020

South Carolina Public Service Commission
101 Executive Center Dr - # 100
Columbia, SC 29210

RE: Lake Wylie Water System Supply Capacity – Response to SC Public Service Commission Request
Lake Wylie – York County, SC

To Whom It May Concern:

This letter is being provided to respond to an information request by the South Carolina Public Service Commission regarding the sufficiency of the Lake Wylie Water System (LWWS) supply capacity. As explained below, Blue Granite has sufficient water supply to meet its obligations to customers, as well as any new customers resulting from the Phase 3 development of Paddlers Cove.

The LWWS currently is supplied by Rock Hill Via York County, and Charlotte Water. The franchise agreement between York County and Blue Granite Water Company (BGWC) does not have a maximum supply limit, but for modeling purposes BGWC uses a maximum of 2.0 Million Gallons Per Day (MGD) for the York County supply. The maximum of 2.0 MGD is being used based on the historical demands (i.e., demonstrated capacity) of the LWWS placed on the York County supply. The water supply agreement between Charlotte and BGWC limits the maximum supply to 2.0 MGD. There is therefore a total maximum supply of 4.0 MGD. The LWWS currently has 4,862 active residential and commercial customers with a recent peak day usage of 2.05 MGD experienced in July of 2020. The additional 91 connections represented by the filed developer agreement having a peak demand of 400 gallons per day per single family home is expected to add 0.0364 MGD, for a total of 2.0864 MGD ($2.05 \text{ MGD} + 0.0364 \text{ MGD} = 2.0864 \text{ MGD}$), which is well below the 4.0MGD total capacity.

In 2018, BGWC contracted Goodwyn, Mills, & Cawood Inc. (GMC) to perform water modeling analysis of the LWWS for current conditions and future growth conditions. The modeling performed by GMC provided a roadmap of projects within the LWWS, which will help insure capacity for current and future needs. There are short term and long term projects defined. These projects include constructing multiple elevate water tanks (EWT's) and looping the LWWS to improve water supply and quality. One of the projects includes a main transmission waterline be constructed between the Charlotte supply and the existing 0.2MGD elevate water tank to maximize the daily supply if required. Additionally, GMC recommended a 1MGD EWT be constructed to provide additional storage within the LWWS. BGWC contracted GMC to start design on the waterline in the winter of 2019/2020. BGWC has secured property to construct the EWT and will begin design in September 2020.

Blue Granite Water Company



The following table demonstrates the future improvements, which have been and will be performed.

IMPROVEMENT	TARGET DATE
Short Term Projects	
Charlotte Water Interconnection	Placed into Operation on October 1, 2019
Water Line Extension Along Hwy 49 from Charlotte	Early Spring 2022
1 MGD EWT	Late Spring 2022
Long Term Projects	
Paddlers Cove Loop	TBD – As Development Warrants
West EWT	TBD – As Development Warrants
North Loop(Hwy 274 &435)	TBD – As Development Warrants
Interconnection with Clover Water System	TBD – As Development Warrants and Willingness of Clover to allow for Connection

Table 1: Summary of Projects

In addition to the above improvements, BGWC has started to allow large developments to obtain willingness and capability letters in a phased implementation manner only, in an effort to mitigate against rapid growth, by allowing for improvements to the LWWS to be performed in a manner that the demand does not exceed the supply. This allows for improved planning of system improvements in timeframe and where the improvements need to be performed. Also, this phased approach allows for more than one developer at a time to construct within the LWWS, by not causing BGWC to lump all supply commitments to one developer.

The efforts outlined above will continue to place the LWWS in a strong position to supply current and future residents and businesses. If you have any questions or concerns regarding this project, please contact me by email at travis.dupree@bluegranitewaterco.com or by phone at (864) 395-3571.

Sincerely,

Travis Dupree, P.E.
Vice President, Project Management and
Engineering

CC: Donald Denton
Bryce Mendenhall
Sam Wellborn
Dante Destafano

Blue Granite Water Company

BEFORE
THE PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA
Docket No. 2020-174-WS

IN RE:)	
Blue Granite Water Company's)	CERTIFICATE OF SERVICE
Request for Approval of a Water and)	
Sewer Agreement with Fielding)	
Homes, LLC)	

This is to certify that I, Toni C. Hawkins, a paralegal with the law firm of Robinson Gray Stepp & Laffitte, LLC have this day served a copy of **Blue Granite Water Company's Response to the Commission's request for additional information pursuant to Order No. 2020-554** in the referenced matter to the parties listed below by electronic mail:

Jeffrey M. Nelson, Esquire
S. C. Office of Regulatory Staff
jnelson@ors.sc.gov

Carri Grube Lybarker, Counsel
SC Department of Consumer Affairs
clybarker@scconsumer.gov

Roger P. Hall, Counsel
SC Department of Consumer Affairs
rhall@scconsumer.gov

Dated at Columbia, South Carolina, this 28th day of August, 2020.


